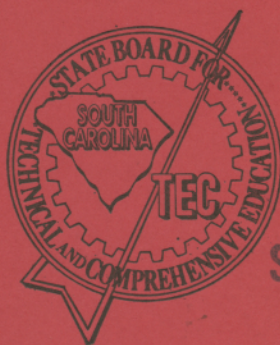


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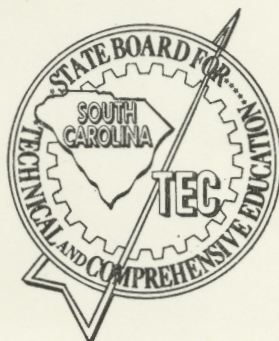
Annual Report

FISCAL YEAR 1980-81

1429 Senate Street
Columbia, South Carolina

20 Years of Economic Opportunity for South Carolinians

The South Carolina State Board For Technical And Comprehensive Education



Annual Report

FISCAL YEAR 1980-81

1429 Senate Street
Columbia, South Carolina

G. WILLIAM DUDLEY, JR.
Executive Director

FRANCIS L. BELL
Chairman

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August, 1981

To His Excellency, Governor Richard W. Riley, Jr., Chairman State Budget and Control Board, and Members of the South Carolina General Assembly.

The South Carolina State Board for Technical and Comprehensive Education respectfully submits for your consideration this report for Fiscal Year 1980-81 which briefly outlines programs and activities of TEC.

Conservation spending and planning have enabled technical colleges across the state to increase the number of citizens served while maintaining quality instruction this past year at the 16 campuses. With an allocated budget of \$51,481,120, TEC supported "special schools" for industry, continued cooperation with the State Development Board to recruit industry, supported administration of the 16 institutions, and initiated or expanded job training programs. In addition TEC is supporting the "Design for the Eighties" program which will keep our technical colleges on the cutting edge of new and changing technologies.

The progress of technical education is an indicator of economic progress across the state. Technical education is devoted to increasing the earning power of South Carolinians for an improved quality of life.

Very truly yours,

FRANCIS L. BELL,
Chairman

1980-81

**THE STATE BOARD FOR TECHNICAL AND
COMPREHENSIVE EDUCATION**

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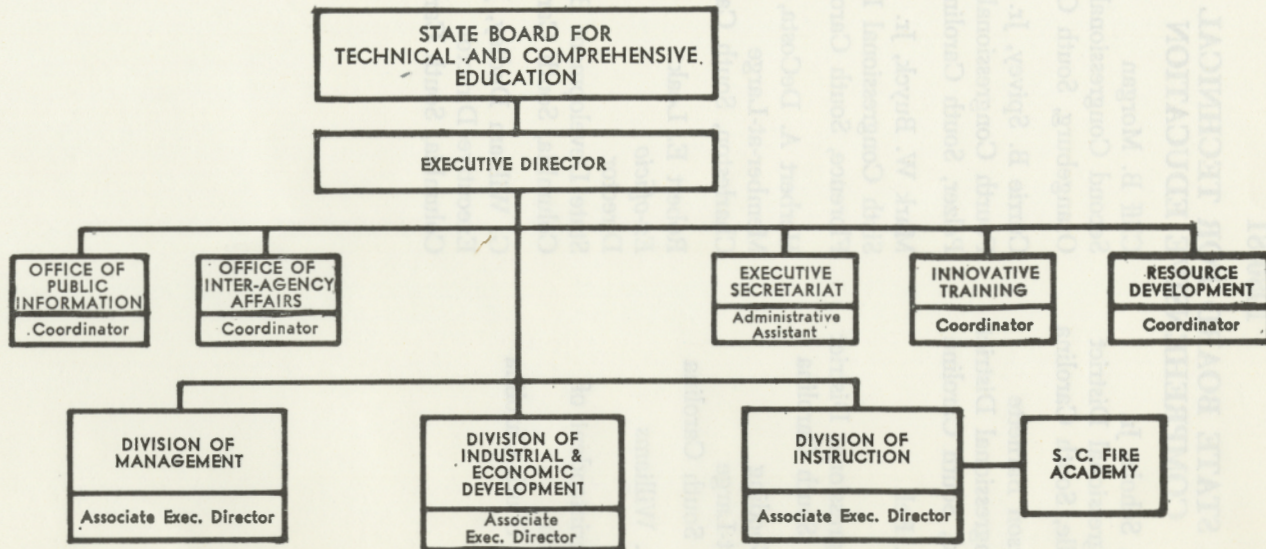
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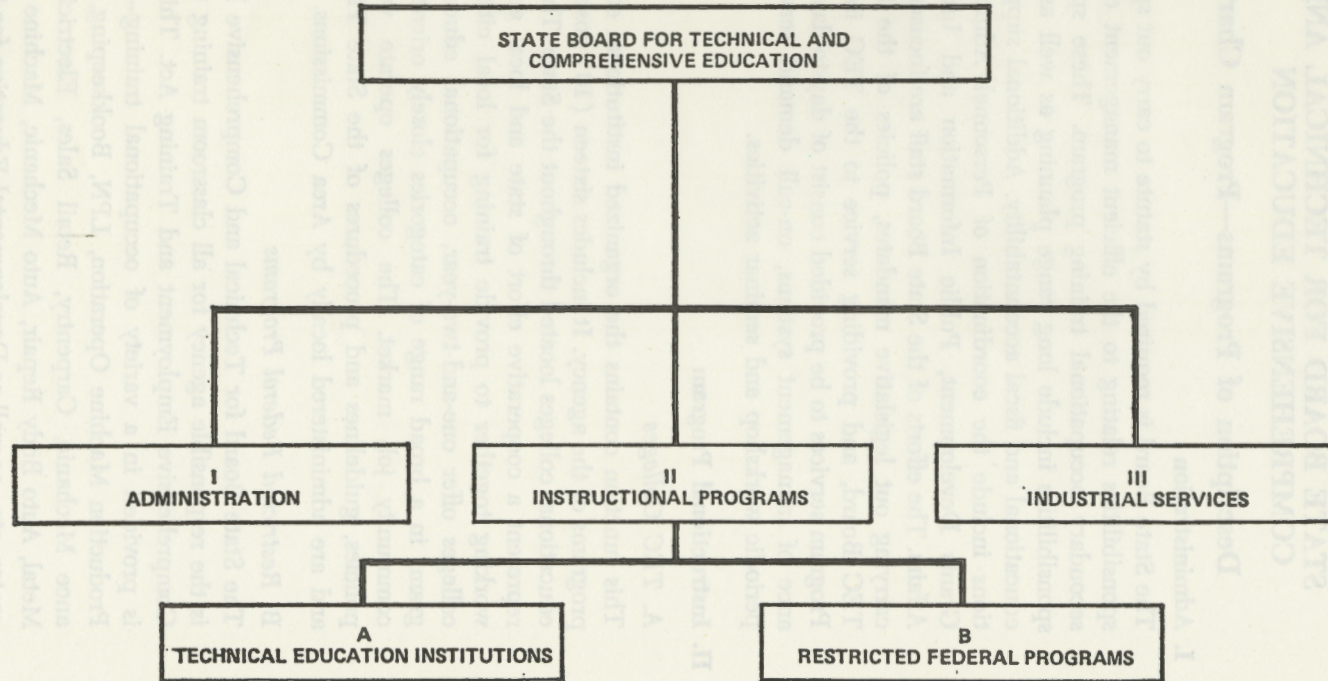
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STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION



STATE BOARD FOR TECHNICAL AND COMPREHENSIVE EDUCATION

Description of Programs—Program Chart

I. Administration

The State Board is required by statute to carry out specific responsibilities relating to the efficient management of a post-secondary occupational training program. These specific responsibilities include long range planning as well as insuring educational and fiscal accountability. Additional support functions include the coordination of Personnel Administration, Grants Development, Public Information and Inter-agency Affairs. The efforts of the State Board staff are focused towards carrying out legislative mandates, policies of the State and TEC Board, and providing service to the TEC institutions. Program services to be provided consist of day-to-day maintenance of management systems, on-call demand services, and periodic workshop and seminar activities.

II. Instructional Program

A. *TEC Colleges*

This function contains the organized institutional educational programs of the agency. It includes sixteen (16) postsecondary educational colleges located throughout the State. The colleges represent a cooperative effort of state and local government working together to provide training for local citizens. The colleges offer one-and-two-year, occupational education programs in a broad range of categories closely oriented to the community job market. The colleges operate within the policies, guidelines and procedures of the State TEC Board and are administered locally by Area Commissions.

B. *Restricted Federal Programs*

The State Board for Technical and Comprehensive Education is the responsible agency for all classroom training under the Comprehensive Employment and Training Act. This training is provided in a variety of occupational training—Welding, Production Machine Operation, LPN, Bookkeeping, Maintenance Mechanic, Carpentry, Retail Sales, Electricity, Sheet Metal, Auto Body Repair, Auto Mechanic, Machine Tool Operator, etc., as well as Developmental Education for those who

need it before they can enter one of the regular courses. This instructional subprogram addresses the training needs of a particular socio-economic group that requires job-entry skills. This program does not attempt to teach the individual a complex mix of skills and does not have the same purpose as the State funded curriculum programs. Also under this category are specific federal grants and matching funds which provide adjunct support to the state funded training programs.

III. Industrial Services

This division is responsible for the design, implementation and supervision of training programs for the initial labor force for new and expanding industry. Further, the Industrial Services Division provides industrial relations support to established industry through identification of training needs of the industries and communicating these needs to the Technical Colleges.

PERTINENT FACTS ABOUT TECHNICAL EDUCATION

History: TEC was begun in 1961 to stimulate economic growth in South Carolina through the provision of occupational training for the people. Demands from employers and students led to the development of Agriculture, Business, Engineering, General Education, Health Related, Industrial/Occupational and Public Service careers curricula which are offered through the sixteen statewide TEC colleges. Over the years, TEC matured to become a comprehensive system of postsecondary education with 16 two-year, state supported campuses. TEC exists to meet the needs of South Carolina and her people.

Degrees: Associate Degrees, Diplomas and Certificates.

Faculty: Instructors at TEC come from a variety of educational and industrial backgrounds. Many teach on a full-time basis, while others instruct part-time. They are encouraged to continue their education by pursuing various new courses, in-service training and by returning to industry to stay abreast of current trends. A competent faculty and up-to-date curricula are prerequisites of an effective technical education program.

Areas of Study: Agricultural Technologies; Business Technologies; Engineering Technologies; General Education Technologies; Health-Related Technologies; Industrial/Occupational Technologies; Continuing Education & Public Service Technologies.

Special Programs: Independent of the TEC campuses, TEC offers "Special Schools" training for new and expanding industry. The availability of a properly trained work force to meet industry's particular needs have been provided by "Special Schools" for 612 industries with some 70,994 persons trained to meet specific job requirements. "Special Schools" offer short-range and highly specialized training programs designed to meet the start-up and expansion needs of individual companies. TEC is the prime subcontractor for vocational training under the Comprehensive Education and Training Act of 1973 (CETA). CETA provides classroom training projects, orientation, educational counseling, and developmental education to the economically disadvantaged, unemployed and underemployed individuals.

TEC offers seven major areas of occupational/technical education. Observed as a model by more than 25 states and 22 foreign countries, technical education in South Carolina continues to meet the occupational training and comprehensive educational needs of the state.

MAJOR AGENCY ACTIVITY

As part of TEC's "Design for the Eighties" program, resource centers were identified and put in place during the past fiscal year. These resource centers will train faculty and staff in the state of the arts knowledge of high technology.

Five resource centers have been named throughout the state. Midlands Technical College will be the center for Advanced Office Occupations. Greenville Technical College will host the Advanced Machine Tool Resource Center. Tri-County Technical College in Pendleton will be headquarters for Microelectronics. York Technical College will be the Computer Resource Center. Piedmont Technical College in Greenwood has been named the Robotics Resource Center. Specific site recommendations were based on such factors as commitment to the resource center concept, faculty and physical resources, service area support and geographic location.

Mobile units have been recommended for use in the Advanced Machine Tool Resource Center. This concept will allow several key faculty members to become actively involved with the resource center immediately. It will provide a greater number of students access to more advanced machines.

TECHNICAL EDUCATION CAMPUSES

1. Ashley J. Little, *President*
Aiken Technical College
Post Office Drawer 696
Aiken, South Carolina 29801
Phone: 593-9231
2. George W. Goldsmith, Jr., *President*
Beaufort Technical College
100 South Ribaut Road
Beaufort South Carolina 29902
Phone: 524-3380
3. Ronald W. Hampton, *President*
Chesterfield-Marlboro Technical College
Post Office Drawer 1007
Cheraw, South Carolina 29520
Phone: 537-5286
4. John W. Henry, Jr., *President*
Denmark Technical College
Denmark, South Carolina 29042
Phone: 793-3301
5. Fred C. Fore, *President*
Florence-Darlington Technical College
Post Office Drawer 8000
Florence, South Carolina 29501
Phone: 662-8151
6. Thomas B. Barton, Jr., *President*
Greenville Technical College
Post Office Box 5618, Station B
Greenville, South Carolina 29606
Phone: 242-3170
7. D. Kent Sharples, *President*
Horry-Georgetown Technical College
Post Office Box 1965,
Highway 501
Conway, South Carolina 29526
Phone: 347-3186
8. R. L. Grigsby, Jr., *President*
Midlands Technical College
P. O. Box 2408
Columbia, South Carolina 29202
Airport Campus:
West Columbia, South Carolina 29169
Beltline Campus:
316 Beltline Boulevard
Columbia, South Carolina 29205
Harbison Campus:
Irmo, South Carolina 29063
Phone: 738-1400
9. M. Rudy Groomes, *President*
Orangeburg-Calhoun Technical College
Post Office Drawer 1767
Orangeburg, South Carolina 29115
Phone: 536-0311
10. Lex D. Walters, *President*
Piedmont Technical College
Post Office Drawer 1467
Greenwood, South Carolina 29646
Phone: 223-8357
11. Joe D. Gault, *President*
Spartanburg Technical College
Post Office Drawer 4386
Spartanburg, South Carolina 29303
Phone: 576-5770
12. James L. Hudgins, *President*
Sumter Area Technical College
506 North Guignard Drive
Sumter, South Carolina 29150
Phone: 773-9371
13. Don C. Garrison, *President*
Tri-County Technical College
Post Office Box 587
Pendleton, South Carolina 29670
Phone: 646-8361
14. Charles F. Ward, *President*
Trident Technical College
P. O. Box 10367
Charleston, South Carolina 29411
North Campus:
7000 Rivers Avenue
North Charleston, South Carolina 29406
Palmer Campus:
125 Bull Street
Charleston, South Carolina 29401
Phone: 572-6111
15. John T. Wynn, *President*
Williamsburg Technical College
601 Lane Road
Kingstree, South Carolina 29556
Phone: 354-7423
16. Baxter M. Hood, *President*
York Technical College
U. S. Highway By-Pass 21-A
Rock Hill, South Carolina 29730
Phone: 324-3130

THE DIVISION OF INDUSTRIAL AND ECONOMIC DEVELOPMENT

The Industrial Division of the State Board for Technical and Comprehensive Education offers preemployment training for new and expanding industry, often called "special schools." A well-trained work force for specific industries have been provided by special schools this year for 77 industries, with 3,793 people trained to meet specific job requirements. Special schools offer both short range and highly specialized training for start-up and expansion of industries across the state.

When an industrial firm considers locating in the state or adding to its facilities, an industrial training consultant from the division is assigned to help the management analyze the staffing needs and prepare a master plan for recruiting, selecting and training workers.

To promote the location of new industry in the state and to help keep industries growing, the division works closely with the State Development Board and other state and local agencies.

The Division of Industrial and Economic Development embodies the overall aim of TEC and its efforts to provide more and better jobs for the people of South Carolina.

The following list shows the special schools sponsored by TEC the past fiscal year.

DIVISION OF INDUSTRIAL AND ECONOMIC DEVELOPMENT

Special Schools July 1980 through June 1981

<i>Company</i>	<i>City</i>	<i>County</i>	<i>Number Trained</i>
Acme Strapping Company	Sumter	Sumter	51
Alumax	Goose Creek	Berkeley	294
American Scissors Corp.	Spartanburg	Spartanburg	24
Amstore	Liberty	Pickens	11
Anchor Continental	Columbia	Richland	12
Bamberg Textile Mill	Bamberg	Bamberg	13
C. R. Bard, Inc.	Moncks Corner	Berkeley	52
Bennett Pump Company	Rock Hill	York	13
Borden, Inc.	Spartanburg	Spartanburg	139
Carmet Company	Spartanburg	Spartanburg	44
Carolina Casuals	Georgetown	Georgetown	6
Champion Laboratories	York	York	18
Cincinnati Milacron	Fountain Inn	Greenville	26
Cincinnati Milacron	Greenwood	Greenwood	20
David's of Dillon	Dillon	Dillon	35
R. R. Donnelley & Son	Spartanburg	Spartanburg	80
DuPont	Goose Creek	Berkeley	48
Edgewater Mfg.	York	York	34
Ehrhardt Mfg. Co.	Ehrhardt	Bamberg	5
Embellishments Unlimited	Travelers Rest	Greenville	71
Energy Power Products	Summerville	Berkeley	23
Exxon Chemical Americas	Summerville	Dorchester	56
FN Manufacturing	Columbia	Richland	12
Fry-Togs, Inc.	Easley	Pickens	22
GEMCO, Inc.	Varnville	Hampton	68
General Carbide	Ridgeland	Jasper	22
Geo. J. Meyer Mfg.	Charleston	Charleston	13
Greenwood Mills (Edisto Plant)	Orangeburg	Orangeburg	68
Harvey Hubbell	Aiken	Aiken	27
Hebron Textiles, Inc.	Kingstree	Williamsburg	14
Holmberg Electronics	Inman	Spartanburg	19
Intape, Inc.	Fountain Inn	Greenville	22
Jenkins Bros. Valve	Columbia	Richland	31
Jim Walter Metals	Mt. Holly	Berkeley	42
Jones & Lamson	York	York	12
Keene Corp. (Kaydon Bearing)	Sumter	Sumter	52
King-Seeley Thermos	Fairfax	Allendale	57
Kirsch Co.	Orangeburg	Orangeburg	22
Lake City Mfg.	Lake City	Florence	36

<i>Company</i>	<i>City</i>	<i>County</i>	<i>Number Trained</i>
L'eggs Products	Florence	Florence	99
Lucas-CAV	Greenville	Greenville	99
Marquette Metal Products	Fountain Inn	Greenville	7
Memorex	Summerville	Charleston	29
Michelin	Greenville	Greenville	26
Michelin	Lexington	Lexington	51
Michelin	Pendleton	Anderson	19
Monsanto	Spartanburg	Spartanburg	316
Mueller Company	Clinton	Laurens	18
Nordson Corporation	Anderson	Anderson	16
Norton Company	Charleston	Charleston	92
Olympic Stove	Easley	Pickens	24
Parke-Davis	Greenwood	Greenwood	23
Perseverance Textiles, Inc.	Charleston	Charleston	28
Phoenix Glove Company	Andrews	Williamsburg	92
Platt Saco-Lowell	Easley	Pickens	29
Precision Tool & Machine Company	Beaufort	Beaufort	11
Pulverizing Services	Charleston	Charleston	7
Reliance Electric	Greenville	Greenville	42
R. E. Phelon	Aiken	Aiken	5
Rieter Machine Works	Aiken	Aiken	29
Robert Bosch	Summerville	Dorchester	53
Rotron	Orangeburg	Orangeburg	45
Shakespeare (Fishing Tackle Div.)	Columbia	Richland	9
Shakespeare (Monofilament Div.)	Columbia	Richland	14
A. O. Smith Corporation	McBee	Chesterfield	182
Spartan Mills	Jonesville	Union	58
Springs Mills (Frances Plant)	Ft. Lawn	Chester	14
Springs Mills (Katherine Plant)	Chester	Chester	150
Springs Mills (Lancaster Complex)	Lancaster	Lancaster	13
Springs Mills (Leroy Plant)	Ft. Lawn	Chester	45
Starflo Valve	Orangeburg	Orangeburg	13
Stouffer Foods	Gaffney	Cherokee	251
T & S Brass	Travelers Rest	Greenville	4
Union Carbide	Greenwood	Greenwood	51
Westinghouse Corporation	Greenwood	Greenwood	77
Westinghouse Corporation	Pendleton	Anderson	16
Wilson Sporting Goods	Fountain Inn	Greenville	122
Total Number of Students Trained During This Period			3,793
Total Number of Companies Served During This Period			77

TEC'S COMPREHENSIVE MANPOWER PROGRAM

In the past fiscal year, the Comprehensive Manpower Program in South Carolina was continued on a substantially enlarged scale, with a positive impact on the economic and industrial development of the state. With the Office of the Governor as the prime sponsor for the entire state, the State Board for Technical and Comprehensive Education was a subcontractor for all vocational training under the Comprehensive Education and Training Act of 1973 (CETA) and accomplished all classroom training projects, orientation, educational counseling and developmental education. This is the only state in the nation with one prime sponsor and one agency exclusively responsible for all institutional training.

From October 1, 1980, to September 30, 1981, CETA spent \$6,364,036 in classroom training to prepare approximately 5,500 students for employment. All of these students were disadvantaged, unemployed or underemployed.

The latest emphasis in CETA has been the Private Sector Initiative Program (PSIP). The Department of Manpower Services works through industry to develop Private Sector Initiative Programs in cooperation with local technical colleges. This has been done by conducting needs surveys and setting up local craft advisory councils to recommend course content and competency needs of individuals who are needed by private industry in South Carolina.

The major objective of these programs is to work with local technical colleges to identify potential students who are economically disadvantaged and then to help them acquire an occupational skill that has been identified by the Private Sector Initiative Program Advisory Councils so that these people can become gainfully employed.

This past year, all the technical colleges in South Carolina have been involved in the PSIP and the program continues to expand.

AIKEN TECHNICAL COLLEGE

Twenty-two academic programs were conducted at Aiken TEC in 1980-81—nine degree, nine diploma, and four certificate (three of which were Comprehensive Manpower Programs (CMP/CETA)).

One new degree program, Industrial Management, was initiated, and Electronics and Electro-Mechanical Engineering Technology programs were extended to seven quarters.

Fashion Merchandising diploma program was identified as the program which might be terminated to meet an expected 7 percent cut in state funds. It will be dropped at the end of summer quarter because of shortage of county funds.

In compliance with the new state Master Plan, two consultants representing the Higher Education Commission visited Aiken TEC and USCA, reviewed the Criminal Justice Program and recommended it remain at USCA even though it is an associate degree program.

Contact hours in Continuing Education of non-credit courses, workshops, seminars, federally-funded programs and contract training for industry increased some this year, despite severe limitation on funds for staffing and planning.

Six major contract training programs totaling \$46,603 were conducted, in addition to five special courses and continuation of four licensing training programs.

Management Development continued to provide the entire training program for International Management Council, including 200 hour certification courses and spring and fall forums, and began, through a \$47,500 contract, academic and supervisory training for all supervisors employed by United Merchants and manufacturers in Aiken and Conway.

Personal interest continued limited offerings of self-supporting avocational courses, including new ones (e.g.-American Antiques) to meet local demand.

Advancement Studies continued developmental and upgrading courses in reading, math and English, including new short intense courses designated as "Upgrading Developmental Education" (UDE).

Comprehensive Manpower Program (Federal-CMP) conducted four class-size skill training programs on campus, plus three at Youth Correction Center and administered Title VII program conducted by Daniel Construction Company off-campus.

Assisted in conducting Special Schools for new employees for two new industries—R. E. Phelon Company and Rieter Machine Works—and in planning for five additional schools.

Commission on Colleges of the Southern Association of Colleges and Schools reaffirmed accreditation of Aiken TEC as a Level 1 (2 year) college at its annual meeting December 13.

Advisory Committees for all degree and diploma programs were active and offered great assistance. A new committee was formed

for Chemical Lab and Electronics and Electro-Mechanical committees became fully operational as separate units. Nuclear committee was directly responsible for greatly increased student input into that program and both Machine Tool and Maintenance Mechanic committees provided positive assistance in selection and contribution of valuable equipment. Automotive committee members' firms continue to fund four full scholarships. Office Occupations committee recommended expansion of the General Office Clerk certificate program to a four quarter diploma program.

New state-of-art equipment acquisitions include: automotive diesel engine trainer, machine tool optical comparator, numerical control milling machines and electronic microprocessor trainer kits.

BEAUFORT TECHNICAL COLLEGE

During FY 1980-81, Beaufort Technical College increased its unduplicated headcount from 4,051 to 4,353 students which was an increase of 7.5 percent. This growth included a 5.9 percent increase in the number of people enrolled in our technical education programs, which in turn yielded a 5.3 percent increase in full-time equivalent students.

Our continuing education programs experienced a 77.1 percent increase in headcount and 47.7 percent increase in the contact hours completed.

The job placement rate for the graduates of Beaufort TEC exceeded 85 percent. For those students who terminated their training prior to graduation, the placement rate was 65 percent.

Beaufort TEC established a full-time Development Office which is enabling the college to aggressively pursue long term and short term grants and to expand institutional research and planning.

This college received final approval to begin an associate degree nursing program and much emphasis was placed on the establishment of new Title VII projects designed specifically for business and industry within our service area.

CHESTERFIELD-MARLBORO TECHNICAL COLLEGE

Chesterfield-Marlboro Technical College devoted considerable time and effort to the development of a computer science program during the past fiscal year. This computer program and related equipment is expected to be utilized by all instructional areas at the college due to the rapidly increasing use of computers and microprocessors in the world of work.

During the fiscal year just completed, Chesterfield-Marlboro Technical College sent its second group of registered nursing students on for their advanced RN training at Florence-Darlington TEC and Richmond TEC under the terms of a satellite training program. Plans are also under development for a medical lab technician program.

Energy-saving structural modifications were completed on the John C. West Learning Resources Center. In addition, the Chesterfield-Marlboro Technical College Foundation continued with its organizational activities.

DENMARK TECHNICAL COLLEGE

Denmark Technical College presently offers 16 Diploma programs and 9 Associate Degree programs and is the only technical college in the South Carolina TEC System that maintains dormitories and dining facilities for a resident student body. With this unique characteristic in mind, the State Board for Technical and Comprehensive Education has directed Denmark Technical College to serve a statewide population, though its primary service area is the tri-county area of Bamberg, Barnwell, and Allendale.

Denmark TEC received \$152,000 under Title III for FY 1980-81. There were three activities approved for funding: Administrative/Management Improvement Through Institutional Planning and Evaluation, Academic Planning, and Information System Development; Planning and Establishing a Career Planning and Placement Center; Project Administration and Evaluation.

The College received an award of \$73,807 from the U. S. Department of Education for FY 1980-81. This grant is providing supportive services for youths who because of deprived education, cultural, or economic backgrounds, or physical handicap are at a disadvantage when confronted with the needs and requirements of postsecondary education.

The Division of Construction Technology is building a five unit apartment complex as part of a community development project sponsored by the Department of Housing and Urban Development.

The final stages of a Cooperative Program between Voorhees College and Denmark Technical College are being completed. Students involved in this program will pursue B.S. degrees at Voorhees College after successfully completing associate degrees at Denmark TEC. The specific fields involved are electronic engi-

neering technology, nuclear engineering technology, engineering graphics technology, business education, office administration, and business administration.

FLORENCE-DARLINGTON TECHNICAL COLLEGE

Florence-Darlington Technical College's enrollment has stabilized over the past three years. However, the retention rate has increased greatly. This increase was reflected by the largest graduating class in the college's history. On May 22, 1981, the college conferred degrees or diplomas to 502 students.

The college has a very active placement office to assist students with job opportunities. A graduate survey is completed each year to measure the effectiveness of this assistance. The 1980 graduating class had a placement rate of 87 percent and preliminary studies indicate that placement of the 1981 graduates will be very favorable.

The college is continuing to expand enrollment and graduates in the health areas. The number of nursing students increased from 150 to 190 and the faculty was enlarged from 9 to 13. This expansion will continue in 1981-82 until the program enrolls 250 students served by 18 full-time faculty. The college has expanded enrollment in medical laboratory technology, radiologic technology, respiratory therapy technology and surgical technology.

Through the efforts of the continuing education division, the college completed 508 quality classes. Of these courses 140 were taught for 60 specific industries and businesses in our service area. In addition to these courses, 29 seminars were conducted to provide training for over 1,000 participants.

Through a grant awarded by the U. S. Department of Energy, the college is nearing completion of a central energy facility to heat and cool the entire campus. The capital improvement bond issue approved in 1980 has been released and plans for the construction of a 32,000 square feet automotive diesel laboratory facility and campus site plan improvements will begin in the fall of 1981.

The Florence-Darlington Technical College's Administrative Council has completed written goals and objectives for the 1981-82 fiscal year and plan an effective and efficient 1981-82 academic year.

GREENVILLE TECHNICAL COLLEGE

During the year, plans were made and approval received for Clemson University to offer junior and senior level programs leading to B.S. degrees in Engineering on the Greenville Technical College campus.

Beginning in Fall 1981, degrees will be available in computer engineering, computer science, engineering technology, electrical engineering, and mechanical engineering, and will be taught by Clemson faculty.

The new arrangement makes it possible for students to complete freshman and sophomore years as Greenville TEC students, paying the low Greenville TEC tuition, and continue for upper division work as Clemson students while remaining on the local campus. This is an innovative response to filling local needs in economically trying times and will help Greenville area residents further prepare for the jobs coming available in industries that require employees with more advanced training.

This is the first time in South Carolina that a university has offered upper division courses on the campus of a technical college, and the agreement has been hailed as an outstanding example of the cooperation that can be accomplished in order to jointly sponsor programs, resulting in substantial savings in tax dollars and maintenance of high quality.

Funding in the amount of \$700,000 has been approved for the expansion and renovation of the Engineering Technology Building on campus. This is the first expansion of that facility since the Engineering Technology annex to the original building was completed in 1963 and will provide relief for the present overcrowded conditions within the division and space for programs in Computer Graphics and Instrumentation Technology.

Funds totaling \$180,000 have also been approved for the purchase of an integrated Instrumentation Laboratory Unit and Computer Graphics equipment.

In February the State TEC Board approved the location at Greenville Technical College of the Advanced Machine Tool Technology Resource Center, with the primary objective of training TEC faculty statewide in basic Computer Numerical Control operation and programming.

A statewide advisory committee comprised of industrialists from the major machine tool companies in South Carolina is meeting

regularly with Greenville TEC staff to determine equipment to be purchased for the Center and for the mobile vans and to develop certificate programs in CNC programming and equipment maintenance.

Greenville TEC faculty and staff continue to be trained in CNC operation and programming and have attended CNC seminars, workshops, and tool shows in preparation for putting the statewide training program into action no later than Spring 1982.

The Return-to-Industry program, funded by an ARC grant, is proving to be essential in Greenville Technical College's efforts to have faculty receive updated experience in and exposure to requirements to business and industry in the '80's.

During Spring and Summer 1981, 13 faculty members from four divisions of study used this opportunity to return to such companies as EMB-TEX Corp., Daniel Construction Company, Liberty Life Insurance Company, Judson Mills, J. E. Sirrine Company, Freeland and Associates, Greenville General Hospital, Summagraphics, Inc., and the Public Health Department.

A Central Energy Building that will provide heating and air-conditioning for all campus facilities is under construction and is scheduled for completion in February 1982. By converting to solid fuel and by using all possible resources for reducing costs, this building will result in an annual savings of some \$200,000. Through these savings, the cost of the building—\$700,000—will be recovered in 4.6 years. In addition, much more efficient service will be provided than the present systems.

The new computer system, a Burroughs B 1910, arrived on campus in April and was immediately installed. This is a real breakthrough for Greenville Technical College and will enhance all our operations, when it is fully operable. Training of personnel in the Burroughs system is underway, with Larry Appleton serving as Director and Wilma Henderson as Operations Manager.

While facilities are expanding and full use is being made of those additions, maintenance of buildings that have been in use for some years has been the center of much activity this year. The roof on the original building (constructed in 1962) and the engineering technology annex (occupied in 1963) has been totally replaced. The roof on the Library-Classroom Building has been repaired, and work is underway to replace the roof on the Allied Health Building.

Labs on the second floor of the Criminal Justice Building are completed and the Computer Programming Department will be housed there for Fall 1981. The increase in demands for graduates of this program and the general interest and increased enrollment makes this move extremely important.

A new greenhouse was constructed by Greenville TEC staff and students on the south end of the campus. This structure is 30 ft. × 60 ft. and is being used to grow our own flowers and shrubs. The fact that the 128-acre campus is on the site of a former landfill makes reclamation a project that requires continual work and planning, and this greenhouse is a big step forward in that process.

In early 1980, a steering committee, with Marty Pautz, Dean of Learning Resources, as director was appointed for Greenville TEC's self-study in preparation for applying for reaffirmation of accreditation with the Southern Association of Colleges and Schools. A Visiting Committee from SACS is expected in Spring 1982 with accreditation anticipated in December 1982.

The NBC documentary, "America Works When America Works," televised nationally in June, featuring the South Carolina Technical Education System, Greenville TEC and the Greenville area, resulted in correspondence, comments, and inquiries from across the nation. Those inquiries have included requests for information and favorable comments from industries, community colleges, and potential students from as far away as California.

HORRY-GEORGETOWN TECHNICAL COLLEGE

Fiscal year 1980-81 was highlighted by three important events. Horry-Georgetown Technical College ushered in a new president and, at the same time, celebrated its 15th anniversary. The college also followed through on plans to expand educational opportunities on its Georgetown campus.

The college faculty and staff have assumed the responsibility of developing a competency based approach to each curriculum program. At the same time proposals are being prepared to add several curriculum programs based on needs established through a Title III Planning Grant. Plans have also been made to expand data processing into a two-year associate degree program and to add word processing into the secretarial program.

During the last year, under a renewed commitment to industrial expansion, civil engineering, a diploma-program, licensed practical

nurse curriculum and many industry-related continuing education courses were introduced on the Georgetown campus.

Continuing education continued its explosive growth as over 4,500 students participated in some type of upgrading, retraining, or professional development, for an expansion rate of over 75 percent. Continuing education officials plan a more diversified program for the coming year.

The Horry-Georgetown Technical College Foundation entered its second year with a goal to raise funds required to purchase additional acreage adjacent to the existing Conway campus.

MIDLANDS TECHNICAL COLLEGE

Statistics released by the Commission on Higher Education reflect that for the second consecutive year Midlands Technical College has awarded more associate degrees than any other college in South Carolina.

The college's enrollment is growing and shows no signs of letting up. The college has experienced record enrollments for the past two quarters. This past spring 5,262 curriculum students were enrolled as compared to 4,774 last spring. The curriculum student enrollment this summer was 3,494 as compared to 3,252 last summer.

As an important aspect of State TEC's "Design for the Eighties," the college was selected to develop and implement a center for the Office of the Future. This center is located on the Harbison Campus and will house the latest equipment used for word processing. This center will serve as a focal point for advanced office occupations in the state and will coordinate upgrading workshops for office occupations faculty throughout the State TEC System.

The governing board, Richland-Lexington Counties Commission for Technical Education, for the first time in history of the college, has elected a female to serve as chairman of this group. Ms. L. P. Armstrong, a four-year Commission veteran, will chair the activities of the Commission for the next two years. She is the first and only female in the State TEC System to be elected as chairman of a governing board.

The college has reached the final phase of a seven-year capital improvement plan for the Airport Campus and three new buildings and the floral clock on this campus were dedicated on June 29.

The three classroom/shop buildings, totaling 87,200 square feet, now house office occupations, learning resources, licensed practical

nursing, the new associate degree nursing program, industrial electricity, air conditioning and refrigeration, auto body repair, welding, carpentry, diesel mechanics and industrial drafting.

The college embarked on a \$5.4 million master renovation plan for Airport Campus upon the 1974 merger of Midlands Technical Education Center, Columbia Technical Education Center, and Palmer College. Seventeen obsolete buildings have been razed since 1975. When the master renovation plan is complete, the original 20 buildings will have been consolidated into nine energy-efficient buildings yielding 200,000 square feet of classroom, shop, library, laboratory and office space.

The remaining building slated for construction will be a two-story, \$4.5 million Library/Student Services Building. Plans for the building have been approved by the State Board for Technical and Comprehensive Education.

The college has received final approval from all governing agencies to initiate the two-year associate degree nursing program. Fifty students will be accepted for the fall quarter. Clinical instruction will take place at Baptist Medical Center, Lexington County Hospital, Providence Hospital, Richland Memorial Hospital, S. C. Department of Mental Health facilities, and area nursing homes. Classroom instruction will be provided by Airport Campus. Forty scholarships are provided by area hospitals and these funds will be available for students entering this fall.

Construction was completed this year on a new building to house the heavy equipment program. The 2,400 square feet training facility is located on a 49 acre site near the Airport Campus.

At the time of this publication, Richland County Council had given first reading approval for construction of a facility to house pre-employment training for new industries locating in Richland County. This facility would be constructed on MTC property in the northeast section of the county.

ORANGEBURG-CALHOUN TECHNICAL COLLEGE

Orangeburg-Calhoun Technical College was selected as one of three post-secondary institutions nationwide to participate in a pilot program to assess the educational and training needs of business and industry.

Orangeburg-Calhoun TEC and the other two institutions, one in Texas and the other in Wisconsin, are members of the National

Postsecondary Alliance, a consortium of colleges whose members combine their resources to improve and increase vocational and technical education. These three colleges were selected by the National Center for Research in Vocational Education at Ohio State University. Each institution used a survey which will help to develop a questionnaire for nationwide use to assess the needs of business and industry in relation to the programs presently in operation with the local educational institutions.

Orangeburg-Calhoun Technical College, in cooperation with the University of South Carolina College of Education, USC Medical School and USC Salkehatchie, participated in a biomedical science program. Orangeburg-Calhoun TEC is the only technical college in the System involved in this program which is designed to prepare 110 high school students from eleven rural high schools for careers in the biomedical science field.

The medical laboratory technology associate degree program received accreditation from the American Medical Association's Committee on Allied Health Education and Accreditation for an additional three-year period.

Tuition fees were increased from \$110 to \$135 per quarter for full-time Orangeburg and Calhoun county residents. The fee for out-of-county residents increased from \$132 to \$162. Part-time fees for Orangeburg and Calhoun county residents went to \$11.25 per credit hour, and out-of-county part-time fees will be \$13.50.

Orangeburg-Calhoun TEC had the largest number of female students ever enrolled in the engineering graphics program at one time.

A two-year associate degree nursing program proposal was completed and approved by the State TEC Board and forwarded to the Commission on Higher Education for approval.

The continuing education division, working with local business and industry, developed various upgrading programs in welding, electronics, forklift training, numerical control, blueprint reading and others during the past year. An apprenticeship consortium among local metal working companies was established using Orangeburg-Calhoun TEC as the coordinator. Allied health and agricultural short courses, seminars and workshops were held to update employees in these two key areas.

The faculty development component of Title III developed a handbook for temporary faculty as well as a five-year plan for improving instruction. This component also provided graduate,

undergraduate and associate degree courses for faculty and staff and assisted faculty in special curriculum projects throughout the year.

The Student Success Center served 732 students individually, in small groups and in classes with study skills instruction, testing and counseling. In addition, the "Path to Success" program was established to assist pre-college students in adjusting to college life. A new Career Education Center was established and will be continued during the coming year. The Career Education Center received a computer terminal which is tied to the S. C. Occupational Information System. Through this terminal, the Student Success Center has been able to provide students with information on occupations. The terminal also has on file a Job Bank, which gives data on jobs currently available in the state through Job Service.

The research component of Title III developed and implemented a Graduate Survey, a Non-returning Student Survey, and compiled the data for the Business/Industry Needs Assessment Pilot Survey.

Special Schools provided training for the following firms: Greenwood Mills Plant No. 20—75 trained in corduroy finishing operations; Kirsch Window Treatment Company—72 trained in various assembly skills for producing woven wood blinds and mini-metal blinds; E.G. & G. Rotron—50 trained in the production of fans for computers and cash registers; Starflo Valves—30 trained in the production methods involved in producing gate and butterfly valves.

Orangeburg-Calhoun Technical College's Foundation conducted its first annual faculty/staff fund raising drive. Over 100 people participated and approximately \$2,500 was pledged by the faculty and staff to the foundation.

The foundation awarded seven tuition scholarships to honor graduates from area high schools.

Other foundation activities included purchasing equipment for the automotive and climate control programs as well as funding the faculty/staff development program entitled the Instructional Excellence Program.

PIEDMONT TECHNICAL COLLEGE

Student enrollment in curriculum programs for the 1980-81 fall quarter was up 20 percent over the same period in the previous year. This was the largest increase recorded among the state's 16 technical colleges. Enrollment for each subsequent quarter reflected comparable increases over the 1979-80 year.

Piedmont was designated as the Innovative Center for Industrial Robots as a part of the State Board's "Design for the Eighties" program. Two robots are in place and three more are due in during the coming year. Piedmont has also been selected by the Council for Advancement of Experiential Learning (CAEL) as the only South Carolina college to participate in its "Sponsored Experiential Learning Project" which is designed to disseminate information concerning experiential learning techniques and resources nationwide. The college sponsored a statewide workshop as a part of this affiliation.

Piedmont's faculty completed correlation of competencies required for entry-level success in each of its academic programs and has been adjusting course work accordingly. The resulting changes are being assimilated into course and instructor guides which describe in detail how each course should be taught. After a year long self-study, the developmental education services previously assigned to four academic divisions have been centralized into a single Learning and Study Skills Department. This department will provide the academic remedial courses and tutoring and counseling services for all students including those in adult education and CETA programs.

Piedmont has arranged with the South Carolina ETV network to offer four credit telecourses for residents of the college's seven county area during the fall quarter. Piedmont TEC instructors will monitor the course, check homework, administer examinations and give final grades for students who sign up to receive credit for the courses.

The new Multi-Purpose Building was opened during the fall of 1980. The building's varied facilities made it the site for numerous student programs; community interest classes; registration; and this year's graduation exercises, the first on-campus since 1967. A 2.1 million dollar construction program now underway will provide Piedmont with a student center, allied health education, technical/industrial services buildings.

SPARTANBURG TECHNICAL COLLEGE

Placing a major emphasis on meeting the training needs of industry, Spartanburg Technical College has maintained and initiated multiple projects to insure viable, up-to-date educational programs.

Initiated in 1978, the successful "Return to Industry" program has involved faculty working in 42 locations from two weeks to three

months. In the 80-81 school year, 24 faculty worked in 34 locations. As a result, 72 curriculum revisions have been made. Additionally, eight custom designed courses have been developed.

Paralleling the "Return to Industry" program, the college has conducted extensive on-site interviews to determine the training needs of the industrial sector and to solicit support in the placement of graduates. In a continuing effort to involve industrialists, the number of advisory committee members exceeded the 400 mark during the past year.

The college established a Business Division Alumni Association, the first step in the implementation of a TEC Alumni Association.

A licensed practical nursing program was added to the Allied Health Division and will be graduating 41 students in its first class.

Funded by the Appalachian Regional Commission, the Tracy J. Gaines Learning Resource Center, containing a 300 seat auditorium, media center, bookstore, library and classrooms, was dedicated on October 15, 1981. In November, the college occupied a new industrial training facility of 20,000 square feet, housing diesel mechanics and welding programs.

Project Employability, a program initiated to expand GED and employability training and funded by the Appalachian Regional Commission, was implemented cooperatively with all seven Spartanburg County school districts. The program served 650 adults and hosted the first County Adult GED graduation. Additionally, Employability Skills Training Programs funded by CETA-YETP were on-going in four area high schools.

In a constant effort to improve the quality and viability of instruction, there has been steady movement toward implementation of Competency Based Education and Cognitive Style Mapping for students in all departments. Academic Advising has been emphasized in the 80-81 year. A concerted effort, involving faculty, staff and students has established a three part model program: faculty advising, peer advising and an advisement center.

SUMTER AREA TECHNICAL COLLEGE

Sumter TEC secured funding in the amount of \$500,000 to construct a facility for a statewide wastewater treatment plant operator training program.

Sumter TEC developed and coordinated job opportunities survey for the Industrial Fair.

tive Training in Microelectronics. The center was located in Cleveland Hall, a director was chosen after a nationwide search, and experts from national and international electronics corporations began developing a model microelectronics curriculum.

Final approvals were granted by the State Board for TEC, the Commission on Higher Education, and the State Board of Nursing, for Tri-County to institute a nursing program effective with the fall quarter, 1981. The college applied to begin the program almost two years ago when Clemson University officials announced plans to close their associate-degree nursing program. Clemson President Bill Atchley said the program should be located at a two-year college like Tri-County.

The Area Commission applied to the State Board for TEC, requesting permission for Tri-County to introduce a curriculum in data processing in 1982. The request followed a survey of area firms which revealed that a shortage of data processing technicians exists in Anderson, Oconee and Pickens counties.

The college and Anderson Cablevision signed an agreement for Tri-County to offer degree credit for four courses and continuing education units for two others to be telecast over the Anderson System in the fall of 1981. The telecourses are the first to be offered by TEC for credit.

Four departments awarded their first competency-based diplomas at spring commencement. The diplomas were awarded by Textile Management, Radio and Television Broadcasting, Civil Engineering Technology and Welding. Two other departments, Engineering Graphics Technology and Masonry, were the first in the college to award the competency-based degrees last year.

For the first time in the 18-year history of the college, 350 teachers in two area school districts devoted full days of in-service training to learning about technical education. Pickens County teachers spent a day on campus in August and Anderson School District One teachers were on campus for a day in February. After presentations by TEC officials, the teachers visited laboratories, shops and classrooms at the college.

In the last quarter of the year, the Career Center installed the South Carolina Occupational Information System computer terminal, giving students and residents of the area access to statewide information on training, employment opportunities, and occupational descriptions.

The Females and Minorities Project, a federally-funded program to attract women and minorities into engineering technologies, began its efforts to make area residents aware of career choices now available to these two target groups.

An agreement was signed with Clemson University, making it possible for Tri-County students to receive credit for Air Force ROTC courses taken at Clemson while they are pursuing a TEC degree.

A record 16,316 students (unduplicated headcount) enrolled in all programs at Tri-County in 1980-81. That is the fourth largest unduplicated headcount enrollment for the year in the TEC System.

TRIDENT TECHNICAL COLLEGE

Trident Technical College has instituted a comprehensive on-going set of surveys to monitor its programs. This follow-up system was lauded by Gov. Richard Riley as "an excellent way to evaluate the effectiveness and usefulness of programs." Because the college is deeply concerned with student retention, a non-returning student survey is also part of the package.

The data and comments from graduates, employers and non-returning students are compiled into an evaluation of each program that is distributed to deans and program coordinators. This annual update allows the college to measure the success of each program and sites specific adjustments that can be made to enhance effectiveness. Most of the results have been extremely encouraging. The follow-up system itself has gotten high marks from educators across the country and will soon be implemented at all 16 TEC colleges in South Carolina.

The "Return to Industry" program, a component of the SDIP, was designed to improve the quality of instruction by developing the technical expertise of selected faculty members to the state-of-the-art of current technological changes in business and industry through on-the-job internships and professional seminars. Trident Technical College's 1980-81 "Return to Industry" program has been tremendously successful. Completion of 16 internships gave faculty members a new perspective in teaching and a more reality-based attitude about the world of work. Many faculty members developed new instructional strategies and alternative teaching modes. Fringe benefits of this effort have included improved college visibility and credibility with business and industrial em-

ployers, as evidenced by feedback, as well as donations of costly equipment for utilization in the classroom.

For the first time in its history, the college has embarked on a systematic, comprehensive approach at marketing the college to a variety of publics. It is anticipated that this effort will help increase enrollment and build new constituencies for the college in the tri-county community.

For professional growth opportunities for faculty and staff, an office of Professional Development has been established and a needs assessment has been completed. Every member of the faculty and staff will have professional development growth plans, which will be integrated into institution-wide goals to benefit both the individuals and the college.

Under the leadership of Trident's Seminar program, the low-country seminar network has been established to provide high quality seminars not otherwise available in the less populated areas of the state. Agreements have been signed with Horry-Georgetown, Beaufort, Orangeburg-Calhoun and Williamsburg TEC to offer these services. Last year nearly 3,000 persons attended close to 100 separate seminars at Trident Technical College.

WILLIAMSBURG TECHNICAL COLLEGE

Williamsburg Technical College has had a year of dynamic change in 1980-81. With opportunities made possible largely through grants, everyone employed at the institution had the opportunity to take courses or attend seminars designed to improve the institution. At the close of the second year of the federally funded Upward Bound project, which services all of the high schools in the service area, 17 of the 18 graduating seniors were accepted and will be attending colleges this fall.

The untimely death of area commission member Jerome P. Askins, Jr., lead to the creation of a memorial scholarship, which is the first scholarship to be established by the institution. The first formal graduation was held in August and was successful. Approval by the Budget and Control Board to issue \$616 thousand in capital improvement bonds, plus local matching monies, has moved the proposed Learning Resources Center closer to reality. Additional industry has moved into the service area, and the college has been cited as a positive factor in attracting this new industry.

The approval to offer the Associate in Arts and Associate in Science Degree programs has made a dramatic impact upon the

service area. For the first time in the history of the county, higher education has been placed within the reach of the citizens. These new programs will undoubtedly assist in the attraction of new industry to our service area.

The college continues to conduct the required Self-Study, which will culminate in a visit by the Southern Association of Colleges and Schools. This is the normal process used to reaffirm the college level accreditation held by Williamsburg Technical College.

YORK TECHNICAL COLLEGE

York Technical College was designated at the Center for Innovative Computer Training.

John Hunter, vice president of instruction, served as president of the South Carolina Technical Education Association and Dennis Merrell, department head, Computer Technology, was the recipient of the A. Wade Martin Foundation Award.

Construction was completed on a 10,800 square foot industrial building that houses pipefitting and diesel mechanics. Construction was also completed on a 7,500 square foot Student Center addition which included space for expanded bookstore, food service area and seminar rooms.

York TEC established advisory committees for each department and initiated the concept of contracting with industry for the full cost of providing upgrading training for industrial personnel, in-plant.

The college had the largest enrollment during 1980-81 in its history. Enrollment was 10.2 percent above the previous year. An Occupational Information System (SCOIS) which provides current information describing college majors, occupations and jobs available to both day and night students was installed.

The Public Information Office developed and distributed a 19 minute film on TEC programs to junior high and senior high counselors. A presentation for the local Chamber of Commerce on TEC programs was developed also.

York TEC developed and offered industrial courses, supervisory courses, eight hour emergency aid courses, EMT training, defensive driving for Kings Mountain State Park, CETA P.S.E. employees training and advanced firefighting technology.

York TEC helped with special schools for nine industries and worked in preparation for several others.

APPENDIX A

TOTAL DEGREES AND DIPLOMAS AWARDED IN ACADEMIC YEAR JULY 1979 - JUNE 1980

<i>Institution</i>	<i>Degree Programs</i>	<i>Diploma Programs</i>		<i>Total Graduates</i>
		<i>Two Year</i>	<i>One Year</i>	
Aiken	73	0	92	165
Beaufort	73	0	58	131
Chesterfield-Marlboro ...	97	0	9	106
Denmark	26	0	85	111
Florence-Darlington	305	0	116	421
Greenville	472	0	171	643
Horry-Georgetown	134	0	75	209
Midlands	681	0	368	1,049
Orangeburg-Calhoun	130	103	46	279
Piedmont	182	65	63	310
Spartanburg	226	0	309	535
Sumter	108	0	88	196
Tri-County	353	0	129	482
Trident	554	0	171	725
Williamsburg	6	0	4	10
York	189	0	82	271
Total	3,609	168	1,866	5,643

APPENDIX B

FULL-TIME EQUIVALENT ENROLLMENTS FOR FY 1975/76, FY 1976/77, FY 1977/78, FY 1978/79 AND FY 1979/80 BY TEC INSTITUTION

<i>Institution</i>	<i>Actual</i> <i>FY 1975/76</i>	<i>Actual</i> <i>FY 1976/77</i>	<i>Actual</i> <i>FY 1977/78</i>	<i>Actual</i> <i>FY 1978/79</i>	<i>Actual</i> <i>FY 1979/80</i>
Aiken	881.6	811.3	909	916	864
Beaufort	1,170.5	1,085.8	960	946	978
Chesterfield-Marlboro ...	935.0	658.9	547	483	530
Denmark	1,015.7	862.2	801	603	595
Florence-Darlington ...	2,426.9	2,010.3	2,165	2,365	2,238
Greenville	5,831.2	5,568.8	5,252	5,084	4,887
Horry-Georgetown	1,069.7	1,136.7	1,242	1,174	1,079
Midlands	5,340.5	4,832.4	5,353	5,081	4,827
Orangeburg-Calhoun ...	1,757.2	1,522.2	1,640	1,504	1,381
Piedmont	1,997.9	1,702.7	1,705	1,635	1,418
Spartanburg	2,056.9	1,732.0	1,671	1,618	1,607
Sumter	1,375.1	1,209.6	1,355	1,262	1,433
Tri-County	2,409.7	2,232.5	2,062	2,035	1,902
Trident	5,573.9	5,362.9	5,730	5,571	4,715
Williamsburg	597.4	572.5	610	477	536
York	1,570.8	1,355.2	1,442	1,460	1,482
Total	36,010.0	32,656.0	33,444	32,214	30,472

Source: TEC Management Information System.

APPENDIX C

FULL-TIME EQUIVALENT ENROLLMENT GROWTH WITHIN THE TECHNICAL EDUCATION PROGRAM, FY 1974-75 THROUGH 1979-80

<i>Cluster</i>	<i>FTE</i> <i>1974-75</i>	<i>FTE</i> <i>1975-76</i>	<i>FTE</i> <i>1976-77</i>	<i>FTE</i> <i>1977-78</i>	<i>FTE</i> <i>1978-79</i>	<i>FTE</i> <i>1979-80</i>
Business	9,675.3	12,280.2	11,015.6	11,461	11,006	10,629.2
Industrial- Occupational	9,236.1	10,963.7	9,995.3	9,877	9,395	8,715.0
AA/AS	1,155.8	2,023.9	2,167.1	2,425	2,379	2,455.2
Public Service	1,781.9	2,915.0	2,649.8	2,702	2,471	2,081.3
Health	2,594.0	2,595.2	2,693.4	2,780	2,718	2,479.1
Agriculture	458.6	625.4	640.6	584	505	406.4
Engineering	3,637.8	3,830.7	3,135.3	2,918	3,045	2,966.6
Career Dev./Undtd. .	877.9	775.9	358.9	697	695	739.0
Total	29,417.4	36,010.0	32,656.0	33,444	32,214	30,471.8

Source: TEC Management Information System.

APPENDIX D

TECHNICAL AND COMPREHENSIVE EDUCATION ANNUALIZED UNDUPLICATED HEADCOUNT ENROLLMENT 1961-80

Year	TEC Center Enrollments	Special Schools Completions	Total
1961-62		475	475
1962-63	1,122	2,190	3,312
1963-64	11,867	2,785	14,652
1964-65	18,659	2,824	21,483
1965-66	32,967	5,044	38,011
1966-67	37,046	5,704	42,750
1967-68	42,146	4,081	46,227
1968-69	59,817	4,419	64,236
1969-70	79,001	4,534	83,535
1970-71	81,415	3,804	85,219
1971-72	81,486	5,403	86,889
1972-73	104,638	5,054	109,692
1973-74	93,650 *	3,759	97,409
1974-75	111,541	2,902	114,443
1975-76	115,825	2,622	118,447
1976-77	122,121	2,826	124,947
1977-78	142,058	1,725	143,783
1978-79	145,168	2,580	147,748
1979-80	154,158	3,545	157,703

* This apparent decrease in enrollments was due to a change in the method used to count enrollments for funding purposes. Since some part-time students enrolled in courses not related to a specific major, each course for which they enrolled, prior to July 1, 1973, counted as one enrollment. With the development of new computer programs and systems techniques, any student now enrolled in several courses or during two or more terms of an academic year is counted as one enrollment for that year.

Source: TEC Management Information System; includes Technical Education, Continuing Education, Community Service, restricted State and federal programs.

APPENDIX E

ENDING FALL QUARTER - 1970-1979 UNDUPLICATED HEADCOUNT ENROLLMENT

<i>Institution</i>	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Aiken	65	272	242	558	875	1,153	1,265	1,473	1,690	1,793
Beaufort	NA	649	833	1,155	1,878	1,676	1,456	1,441	1,536	1,676
Chesterfield-Marlboro .	439	433	508	1,009	1,544	1,541	1,257	1,545	1,463	1,687
Denmark	NA	468	401	603	601	944	833	843	719	599
Florence-Darlington ..	2,110	2,010	2,219	3,188	3,221	4,900	4,631	3,912	4,226	4,460
Greenville	6,333	5,893	8,317	7,813	9,590	9,607	7,376	9,770	8,912	11,540
Horry-Georgetown ...	1,135	1,231	1,641	1,795	1,722	1,895	1,513	1,817	1,885	2,389
Midlands	2,061	3,140	3,970	6,405	7,010	8,201	6,294	7,572	7,861	6,979
Orangeburg-Calhoun .	1,831	2,049	2,498	1,815	2,199	3,204	2,658	3,269	3,240	3,391
Piedmont	1,779	1,914	2,228	2,822	3,697	3,724	4,050	4,685	4,468	3,719
Spartanburg	1,486	2,242	2,733	1,941	2,943	3,205	3,268	3,527	3,174	1,767
Sumter	1,144	1,245	1,309	1,524	2,018	2,377	2,167	2,637	2,769	2,897
Tri-County	1,863	1,945	2,579	3,397	4,332	4,818	5,288	6,632	5,393	2,356
Trident	2,000	2,188	2,486	4,127	5,362	7,028	7,091	7,457	7,511	8,005
Williamsburg	NA	903	1,154	1,630	1,649	1,595	1,453	1,758	1,576	1,274
York	1,122	963	1,142	1,284	1,669	2,212	2,146	2,528	2,279	2,520
Fire Academy .....	....	....	....	....	....	....	....	893	567	....
Total	<u>23,368</u>	<u>27,545</u>	<u>34,260</u>	<u>41,066</u>	<u>50,310</u>	<u>58,080</u>	<u>52,746</u>	<u>61,759</u>	<u>59,269</u>	<u>57,051</u>

Source: TEC MIS 70-1, November 1970-1972; MIS Ending Fall Quarter Printouts 1973-1979.

APPENDIX F

HEADCOUNT ENROLLMENT BY CLASSIFICATION STATUS AND SEX TECHNICAL EDUCATION PROGRAM

Fall 1980

	Full-time				Part-time		Unclassified		Total
	Freshmen		Sophomore		Men	Women	Men	Women	
	Men	Women	Men	Women					
Aiken	243	155	203	85	335	160	37	51	1,269
Beaufort	197	278	77	29	363	188	46	7	1,185
Chesterfield-Marlboro	154	126	59	24	93	62	31	36	585
Demark	244	252	29	8	51	25	27	32	668
Florence-Darlington	524	506	237	222	313	242	52	138	2,234
Greenville	1,408	1,080	343	361	1,290	1,340	0	0	5,822
Horry-Georgetown	476	227	169	145	286	145	7	10	1,465
Midlands	1,246	1,284	452	368	1,102	930	8	24	5,414
Orangeburg-Calhoun	311	382	135	132	288	150	20	37	1,455
Piedmont	436	488	160	119	343	153	14	60	1,773
Spartanburg	495	500	126	77	434	127	82	90	1,931
Sumter	430	235	179	70	378	132	9	212	1,645
Tri-County	616	407	277	129	477	335	42	70	2,353
Trident	953	1,264	289	336	1,374	837	245	321	5,619
Williamsburg	118	129	76	15	84	28	15	38	503
York	411	374	135	126	378	201	72	91	1,788
Total	8,262	7,687	2,946	2,246	7,589	5,055	707	1,217	35,709

APPENDIX G

ANNUALIZED UNDUPLICATED HEADCOUNT ENROLLMENT IN TECHNICAL EDUCATION INSTITUTIONS

FY 1974-75 through FY 1979-80

	FY 1974-75	FY 1975-76	FY 1976-77	FY 1977-78	FY 1978-79	FY 1979-80
<i>TEC Institutions</i>						
Aiken	2,261	2,250	2,780	3,804	3,453	3,281
Beaufort	4,064	3,153	2,784	2,859	3,530	3,877
Chesterfield-Marlboro	3,654	2,900	2,565	3,136	5,165	5,823
Denmark	1,180	1,423	1,373	1,450	1,170	849
Florence-Darlington	5,643	8,418	9,575	11,173	9,775	9,567
Greenville	21,037	18,663	19,093	21,639	22,910	28,185
Horry-Georgetown	3,813	3,359	2,769	3,356	3,646	4,798
Midlands	15,171	15,031	13,830	14,797	16,547	16,636
Orangeburg-Calhoun	4,407	6,687	6,813	7,792	7,337	9,009
Piedmont	7,742	7,491	9,086	10,102	10,790	11,755
Spartanburg	6,491	6,616	6,984	8,076	7,664	7,129
Sumter	4,596	4,959	4,916	6,108	6,177	6,825
Tri-County	9,599	11,083	12,763	15,090	13,694	13,123
Trident	11,877	13,418	14,972	16,030	16,321	16,924
Williamsburg	2,905	2,678	2,742	2,845	2,676	2,357
York	3,274	3,732	4,085	4,836	4,999	4,898
Comprehensive/Manpower Program	3,827	3,964	4,586	5,600	5,860	5,563
Special Schools ¹	2,902	2,622	2,826	1,725	2,580	3,545
Fire Academy	0	0	405	3,365	3,454	3,559
Total	<u>114,443</u>	<u>118,447</u>	<u>124,947</u>	<u>143,783</u>	<u>147,748</u>	<u>157,703</u>

Source: TEC/MIS. Institutional enrollments in Special Schools and Comprehensive Manpower are shown by program.

¹ Completions.

APPENDIX H

TEC SYSTEM STUDENT CHARACTERISTICS FY 1979-1980

I. <i>Veteran Status</i>		<i>Headcount</i>	<i>Percentage</i>
A. Vet GI Bill	.....	13,800	24.4%
B. Vet-No GI Bill	.....	137	.2%
C. Non-Veteran	.....	42,785	75.4%
D. Not Specified	.....	0	0
Total		56,722	
II. <i>Classification</i>			
A. Freshman	.....	39,427	70.0%
B. Sophomore	.....	15,935	28.0%
C. Unclassified	.....	1,360	2.0%
Total		56,722	
III. <i>Ethnic Group</i>			
A. Black	.....	16,095	28.4%
B. White	.....	37,090	65.4%
C. Indian/American	.....	138	.2%
D. Spanish Surname	.....	205	.4%
E. Oriental American	.....	277	.5%
F. Foreign	.....	243	.4%
G. Not Specified	.....	2,674	4.7%
Total		56,722	
IV. <i>Sex</i>			
A. Male	.....	31,284	55.0%
B. Female	.....	25,438	45.0%
C. Not Specified	.....	0	0
Total		56,722	
V. <i>Range of Average Age</i>			
23.7 years to 28.5 years among colleges.			

APPENDIX I

STATE TEC SYSTEM UNDUPLICATED HEADCOUNT ENROLLMENT BY COUNTY

1979-1980

<i>County</i>	<i>County Total</i>	<i>County</i>	<i>County Total</i>
Greenville	22,309	Calhoun	693
Charleston	10,753	Lancaster	613
Richland	9,960	Chester	589
Anderson	7,543	Edgefield	569
Orangeburg	7,283	Bamberg	556
Greenwood	6,623	Kershaw	542
Sumter	5,810	Saluda	473
Pickens	5,282	Colleton	464
Lexington	4,549	Cherokee	429
Spartanburg	4,521	McCormick	428
Chesterfield	3,964	Union	365
Horry	3,919	Lee	365
Berkeley	3,618	Fairfield	364
York	3,596	Barnwell	332
Aiken	3,052	Marion	312
Laurens	2,826	Dillon	277
Oconee	2,820	Hampton	235
Dorchester	2,485	Jasper	127
Florence	2,134	Allendale	100
Williamsburg	2,089		
Beaufort	1,887	Total in State	131,139
Marlboro	1,713	Out of State	1,634
Georgetown	1,177	Foreign	69
Abbeville	913	Unknown	15,164
Darlington	874		
Clarendon	855	Statewide Total	<u>148,006</u>
Newberry	751		

APPENDIX J

PERCENTAGE OF 15-64 AGE POPULATION ATTENDING TEC INSTITUTIONS BY SERVICE AREA

1979-1980

<i>Technical Colleges</i>	<i>No. of Students Attending TEC From Respective Service Area</i>	<i>Estimate 15-64 Age Population ¹</i>	<i>Percentage of 15-64 Age Population Served ¹</i>
Aiken	3,077	68,040	4.5%
Beaufort	2,324	78,257	2.9%
Chesterfield-Marlboro	5,389	41,134	13.1%
Denmark	410	29,744	1.4%
Florence-Darlington	2,285	107,423	2.1%
Greenville	22,065	188,996	11.7%
Horry-Georgetown	1,806	91,011	1.9%
Midlands	15,826	273,986	5.8%
Orangeburg-Calhoun	5,429	59,815	9.1%
Piedmont	10,265	129,834	7.9%
Spartanburg	2,984	134,756	2.2%
Sumter	8,011	108,592	7.4%
Tri-County	15,051	164,415	9.2%
Trident	16,756	274,332	6.1%
Williamsburg	1,736	22,449	7.7%
York	3,229	68,115	4.7%
Total	116,643	1,840,899	6.3%

¹ S. C. Department of Research and Statistical Service—1980 projections; no age distribution was available for 16 to 64 age population so 15 to 64 was used.

APPENDIX K

TEC STUDENT TUITION & FEES PER QUARTER FY 1981-1982

<i>Institution</i>	<i>In-County</i>		<i>Out-of-County</i>		<i>Out-of-State</i>	
	<i>Full Time Per Quarter</i>	<i>Part Time Per Hour</i>	<i>Full Time Per Quarter</i>	<i>Part Time Per Hour</i>	<i>Full Time Per Quarter</i>	<i>Part Time Per Hour</i>
Aiken Technical College	150.00	12.00	150.00	12.00	210.00	18.00
Beaufort Technical College	140.00	12.00	140.00	12.00	210.00	18.00
Chesterfield-Marlboro Technical College	145.00	12.25	145.00	12.25	145.00	12.25
Denmark Technical College	150.00	10.00	150.00	10.00	250.00	10.00
Florence-Darlington Technical College	150.00	13.00	175.00	15.00	250.00	21.00
Greenville Technical College	130.00	13.00	130.00	13.00	260.00	26.00
Horry-Georgetown Technical College	150.00	13.00	150.00	13.00	30.00	26.00
Midlands Technical College	175.00	15.00	220.00	19.00	350.00	30.00
Orangeburg-Calhoun Technical College	135.00	11.25	162.00	13.50	203.00	17.00
Piedmont Technical College	140.00	12.00	175.00	14.50	225.00	18.75
Spartanburg Technical College	115.00	10.00	144.00	13.00	230.00	20.00
Sumter Area Technical College	150.00	12.50	174.00	14.50	258.00	21.50
Tri-County Technical College	135.00	11.00	135.50	11.00	267.50	22.00
Trident Technical College	150.00	13.00	185.00	16.00	300.00	25.00
Williamsburg Technical College	100.00	9.00	100.00	9.00	100.00	9.00
York Technical College	120.00	10.00	144.00	12.00	240.00	20.00

APPENDIX L

STATEMENT OF FUND SOURCES AND CURRENT FUND EXPENDITURES FISCAL YEAR 1979-80

Source of Funds

State Appropriation	46,974,273
Federal Funds	17,946,647
Student Fees	11,190,083
County Appropriations	5,552,666
Auxiliary Enterprises	4,852,651
Other	2,398,066

Total Source of Funds \$88,914,386

Current Fund Expenditures

I. Administrative

Personal Service	1,167,532
Other Operating Expense	347,762
Equipment	13,338
State Employer Contributions	169,322

Total Administration 1,697,954

II. Technical Education Institutions' Operation

A. Institutions

Personal Service	36,674,196
Other Operating Expense	21,447,702
Transfers/Equipment	2,810,638
State Employer Contributions	5,267,248

Total Institutions 66,199,784

B. Central Data Processing

Personal Service	152,181
Other Operating Expense	484,175
Equipment	190,625
State Employer Contributions	23,822

Total Central Data Processing 850,803

C. State Fire Academy

Personal Service	176,867
Other Operating Expense	44,338
Equipment	7,021
State Employer Contributions	24,166

Total State Fire Academy 252,392

D. Educational Television Network Charges

19,175

E. Design for 80's

Personal Service	82,271
Other Operating Expense	122,497
State Employer Contributions	6,678

Total Design for 80's 211,446

Total TEC Educational Institutions' Operation 67,533,600

III. Industrial Services

Personal Service	1,227,584
Other Operating Expense	584,587
State Employer Contributions	135,509

Total Industrial Services 1,947,680

APPENDIX M

TECHNICAL EDUCATION INSTITUTIONS CURRENT FUND UNRESTRICTED REVENUES AND PROGRAM EXPENDITURES FISCAL YEAR 1979-80

		% of Education and General
Revenues		
Education and General		
Student Fees	\$11,190,083	18%
County Allocation	5,552,666	9%
State Operating Allocation ¹ ..	40,033,501	66%
State Procured Equipment ..	1,959,748	3%
Other	2,611,135	4%
	<hr/>	<hr/>
Total Educational and General ..	\$61,347,133	100%
Auxiliary Enterprises	4,852,651	
	<hr/>	
Total Unrestricted Revenue	<u>\$66,199,784</u>	
Program Expenditures		
Educational and General		
Instruction	\$27,108,601	44%
Academic and Student		
Support	9,282,470	15%
Plant Operations and		
Maintenance	8,245,882	13%
Administrative and General ..	14,702,459	24%
Local Capital Acquisitions/		
Transfers	850,890	1%
State Procured Equipment ..	1,959,748	3%
	<hr/>	<hr/>
Total Educational and General ..	\$62,150,050	100%
Auxiliary Enterprises	4,049,734	
	<hr/>	
Total Program Expenditures	<u>\$66,199,784</u>	

¹ Includes Employer Share.